

REMARKS

The Applicants request reconsideration of the rejection.

Claims 1-9 remain pending.

Claims 1, 5, and 6 were rejected under 35 U.S.C. 102(e) as being anticipated by Rimini, U.S. 2003/0194981 (Rimini).

The Applicants respectfully traverse the rejection, noting that Rimini discloses that an analog AGC and a digital AGC are provided at the front and rear stages of an AD converter, respectively. However, Rimini does not teach or suggest an analog control AGC having a continuously varying gain and a step control AGC having a gain switched in steps as required by Claim 1. Furthermore, Rimini does not teach or suggest the steps, claimed in Claim 5, of continuously controlling the gain of the baseband signal in accordance with the level of the received signal, and controlling the gain of the gain controlled signal in steps in accordance with the level of the received signal. Moreover, Rimini does not teach or suggest the steps, claimed in Claim 6, of controlling the gain of the baseband signal using one of an analog control AGC having a continuously varying gain and a step control AGC having a gain switched in steps, and further controlling the gain of the gain controlled signal with the other of said analog control AGC and said step control AGC. None of the other cited references teach or suggest these features of the present invention.

Claims 2 and 7 were rejected under 35 U.S.C. 103(a) as being unpatentable over Rimini in view of Chen, U.S. 6,941,121 (Chen). Claims 2 and 7 recite that the timing of controlling the gain of the analog control AGC and the timing of switching the gain of the step control AGC are controlled in accordance with the offset signal read from the memory. In contrast, Chen '121 discloses only one AGC as shown in Fig. 1 and does not teach or suggest that the timings of switching the gains of plural AGCs are controlled in accordance with an offset signal read from a memory. None of the other cited references teach or suggest this feature of the present invention.

Claim 3 was rejected under 35 U.S.C. 103(a) as being unpatentable over Rimini in view of Walker et al., U.S. 2005/0208919 (Walker) and Darabi, U.S. 2003/0181179 (Darabi). Claims 4, and 8-9 were rejected under 35 U.S.C. 103(a) as being unpatentable over Rimini in view of Walker. These dependent claims inherit the patentability of their respected independent claims, and thus, their separate patentability will not be discussed at this time to focus prosecution on the claims already discussed.

In view of the foregoing remarks, the Applicants request reconsideration of the rejection and allowance of the claims.

Respectfully submitted,



Daniel J. Stanger
Registration No. 32,846

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.
1800 Diagonal Rd., Suite 370
Alexandria, Virginia 22314
(703) 684-1120
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